

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No: 10/767,663  
Applicant: Yossi Gross et al.  
Filed: January 29, 2004  
Title: ACTIVE DRUG DELIVERY IN THE GASTROINTESTINAL TRACT  
TC/A.U.: 1614  
Examiner:

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (RP) submitted herewith. A copy of each of the listed foreign and non-patent references is also enclosed.

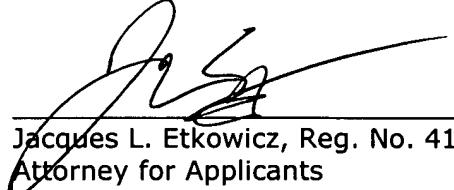
Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

This Information Disclosure Statement is being filed before mailing of the first Official Action. No first Official Action has yet been received and it is presumed that none has yet been mailed. No fee or statement is required. 37 C.F.R. § 1.97(b).

Respectfully submitted,

RatnerPrestia



Jacques L. Etkowicz, Reg. No. 41,738  
Attorney for Applicants

JLE/kc

Enclosures: PTO Form 1449  
(12) References  
Transmittal Form

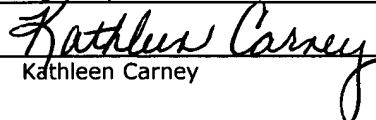
Dated: August 9, 2004

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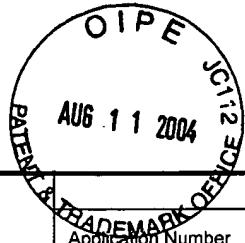
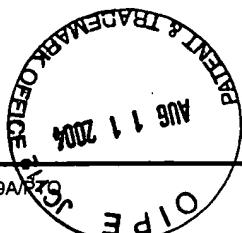
August 9, 2004



Kathleen Carney

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

		Application Number	10/767,663
		Filing Date	January 29, 2004
		First Named Inventor	Yossi Gross
		Art Unit	1614
		Examiner Name	
SHEET 1 of 4		Attorney Docket No.	SC&C-100US

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (If known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-3,057,344	05/1957	Abella et al.	
		US-3,118,439	03/1958	Perrenoud	
		US-3,315,660	08/1963	Abella	
		US-3,485,235	12/1967	Felson	
		US-3,659,600	05/1972	Merrill	
		US-4,239,040	12/1980	Hosaya et al.	
		US-4,425,117	01/1984	Hugemann et al.	
		US-4,507,115	03/1985	Kambara et al.	
		US-4,844,076	09/1989	Lesho et al.	
		US-4,869,248	09/1989	Narula	
		US-5,167,626	12/1992	Casper et al.	
		US-5,170,801	12/1992	Casper et al.	
		US-5,217,449	06/1993	Yuda et al.	
		US-5,279,607	01/1994	Schentag et al.	
		US-5,395,366	03/1995	D'Andrea et al.	
		US-5,464,395	11/1995	Faxon et al.	
		US-5,604,531	02/1997	Iddan et al.	
		US-5,674,196	10/1997	Donaldson et al.	
		US-5,925,030	07/1999	Gross et al.	
		US-5,947,921	09/1999	Johnson et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		SU 1223922A	04/15/1986	Perkarasky et al.		
		WO 97/26042	07/24/1997	Terekhin et al.		<input type="checkbox"/>
		WO 97/31679	09/04/1997	Nikolaevich et al.		<input type="checkbox"/>
		WO 01/4552 A1	06/28/2001	Houzego et al.		<input type="checkbox"/>
		WO 02/094369 A1	11/28/2002	Walla		<input type="checkbox"/>
		WO 02/098501 A2	12/11/2002	Keisari et al.		<input type="checkbox"/>

Examiner Signature		Date Considered
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<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

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Application Number	10/767,663
Filing Date	January 29, 2004
First Named Inventor	Yossi Gross
Art Unit	1614
Examiner Name	

SHEET 2 of 4

Attorney Docket No. SC&amp;C-100US

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		US-5,951,538	09/1999	Joshi et al.	
		US-5,961,482	10/1999	Chien et al.	
		US-5,964,726	10/1999	Korenstein et al.	
		US-5,983,131	11/1999	Weaver et al.	
		US-5,983,134	11/1999	Ostrow	
		US-5,983,135	11/1999	Avrahami	
		US-5,984,860	11/1999	Shan	
		US-6,002,961	12/1999	Mitragotri et al.	
		US-6,018,678	01/2000	Mitragotri et al.	
		US-6,041,253	03/2000	Kost et al.	
		US-6,082,366	07/2000	Andra et al.	
		US-6,148,232	11/2000	Avrahami	
		US-6,190,315	02/2001	Kost et al.	
		US-6,234,990	05/2001	Rowe et al.	
		US-2001/0035902	11/2001	Iddan et al.	
		US-6,344,027	02/2002	Goll et al.	
		US-6,369,039	04/2002	Palasis et al.	
		US-6,428,469	08/2002	Iddan et al.	
		US-6,443,945	09/2002	Marchitto et al.	
		US-6,471,696	10/2002	Berube et al.	

**FOREIGN PATENT DOCUMENTS**

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	Application Number	10/767,663
	Filing Date	January 29, 2004
	First Named Inventor	Yossi Gross
	Art Unit	1614
	Examiner Name	
SHEET 3 of 4	Attorney Docket No.	SC&C-100US

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5 kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16, if possible.

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Substitute for Form 1449B/PTO		<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		Application Number	10/767,663
		Filing Date	January 29, 2004
		First Named Inventor	Yossi Gross
		Art Unit	1614
		Examiner Name	
SHEET 4 of 4		Attorney Docket No.	SC&C-100US

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		LAMBERT ET AL., "Autonomous telemetric capsule to explore the small bowel", Med. Biol. Eng. Comput. 29(2):191-6, 1991	<input type="checkbox"/>
		M. LEONARD ET AL., "Iontophoresis-enhanced Absorptive Flux of Polar Molecules Across Intestinal Tissue <i>In Vitro</i> ", Pharmaceutical Research, vol. 17, no. 4:476-8, 2000	<input type="checkbox"/>
		GHARTEY-TAGOE ET AL., "Electroporation-mediated delivery of molecules to model intestinal epithelia", International Journal of Pharmaceutics 270 (2004) 127-138	<input type="checkbox"/>
		HILDEBRAND ET AL., "Intrinsic Neuroregulation of Ion Transport in Porcine Distal Jejunum", The Journal of Pharmacology and Experimental Therapeutics, Vol. 256, No. 1, 285-292	<input type="checkbox"/>
		DR. PAUL CLEWLOW, "Inprofile giving your decision more precision", Issue No. 1, March 2002	<input type="checkbox"/>
		IAN R. WILDING, "The Enterion Capsule: A Novel Technology for Understanding Biopharmaceutical Complexity of New Molecular Entities (NMEs)", Capsule Technology, Drug Delivery Technology, 2001	<input type="checkbox"/>
			<input type="checkbox"/>

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